2ND INTERNATIONAL CONFERENCE ON
3D PRINTING TECHNOLOGY AND INNOVATIONS
MARCH 19-20, 2018 LONDON, UK

Theme: “Exploring New Technologies and Innovations in 3D Printing”

Interactive Sessions  Keynote Lectures  Plenary Lectures  Workshops
Exhibitors  B2B Meetings

***For available speaker slots***
3dprinting@conferenceseries.net

http://3dprinting.conferenceseries.com/
## Program at A Glance

### Day 1

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<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
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<tr>
<td>08.00-09.00</td>
<td>Reception/Registration</td>
<td>General Session</td>
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<tr>
<td>09.00-09.15</td>
<td>Inaugural Address</td>
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<tr>
<td>09.15-09.45</td>
<td>Keynote/Plenary Talk 1</td>
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<td>09.45-10.15</td>
<td>Keynote/Plenary Talk 2</td>
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<td>10.15-10.45</td>
<td>Keynote/Plenary Talk 3</td>
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**Panel Discussions/Group Photo**

**Coffee/Tea Break 10.45-11.00 (Networking)**

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<th>Time</th>
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<tbody>
<tr>
<td>11.00-12.40</td>
<td>3D Printing Technology &amp; Market, Challenges in 3D Printing</td>
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**Lunch Break 12.40-13.30**

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<tr>
<td>13.30-15.30</td>
<td>3D Printing in Medicine, 3D Printing in Bio Materials</td>
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**Coffee/Tea Break 15.30-15.45 (Networking)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
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<tbody>
<tr>
<td>15.45-17.25</td>
<td>3D Printing Technology impact on manufacturing industry</td>
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### Day 2

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<tr>
<th>Time</th>
<th>Session 1</th>
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<tbody>
<tr>
<td>09.00-10.40</td>
<td>Keynote Forum</td>
<td>3D Printing supply chain management</td>
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**Coffee/Tea Break 10.40-10.55 (Networking)**

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<th>Time</th>
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<tr>
<td>10.55-12.35</td>
<td>3D Printing Materials, 3D Printing industries</td>
<td>3D Printing for liver tissue engineering</td>
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**Lunch Break 12.35-13.25**

<table>
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<th>Time</th>
<th>Session 1</th>
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<tbody>
<tr>
<td>13.25-15.05</td>
<td>Clinical applications of 3D Printing in Innovations in 3D Printing</td>
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**Coffee/Tea Break 15.05-15.20 (Networking)**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>15.20-17.00</td>
<td>Challenge of 3D Printing in Radiation oncology Benefits of 3D Printing and Technology</td>
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**Awards & Closing Ceremony**

NOTE: Program Schedule is subject to change with final allotment of the speaker slots
Glimpses of 3D printing Conferences

http://3dprinting.conferenceseries.com/
Glimpses of 3D printing Conferences
Renowned Speakers @ 3D Printing Technology & Innovations 2018

3D printing as a practical pharmaceutical manufacturing method
Clive Roberts, UK
Blending patient-specific instruments with surgical navigation
Randy E Ellis, Canada
Structural and functional aspects of additive manufacturing applications
Edward Chlebus, Poland
The GeSiM BioScaffolder 3.1 – A 3D bioprinter not only for bioprinting
Frank-Ulrich Gast, Germany
Integrated structural health monitoring by 3D printed metallic structures
Lincy Pyl, Belgium
Oxygen concentration and conversion distributions in a layer-by-layer UV-cured film used as a simplified model of a 3D UV inkjet printing system
Kentaro Takiame, Japan
Full multi-axis motion control of a tool tip for metal 3D printing
Haeseong Jee, South Korea
Materials development using additive manufacturing technologies
Tomasz Kurzynowski, Poland
Mandibular reconstructions using 3D technologies
Kamila Kołodziejećzyk, Poland
Design and fabrication of a porous cast using additive manufacturing
Keun Park, South Korea
3D-printing technology for physical simulation of petal-type space mirror deployment
V. I. Bujakas, Russia
Development of economic DLP and resin based 3D printing system for micro fabrication of fine resolution
Shweta Thapa, USA
Process chain for fabrication of external maxillofacial prosthesis using additive manufacturing
Nneile Nkholise, South Africa
Evolution of 3D printing in manufacturing industries
Abdul Haseeb, Pakistan
Metasurfaces with graphene lattice fabricated by direct laser writing
Artem Sinelnik, Russia
Comparison of different additive manufacturing and traditional technologies-Assessing lead time and total production cost
Charisios Achillas, Greece
Multi-station multi-axis hybrid layered manufacturing system
Karunakaran, India
3D printing of drug delivery systems by laser sintering
Gean V Salmoria, Brazil
3D printed smart sensors for biomedical applications
Grissel Rodríguez-Roldán, Mexico
Re-programmable sequential folding/unfolding in 3D printed structures
Wei Min Huang, Singapore
Cardiovascular tissue engineering using 3D printing technology
Narutoshi Hibino, USA
Mandibular reconstructions using 3D technologies
Katarzyna Kowalska, Poland
<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>3D imaging combined with 3D printed navigation stent in implant and</td>
<td>Michael Perez Davidi, Israel</td>
<td>Israel</td>
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<tr>
<td>reconstructive dentistry</td>
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<tr>
<td>A recycling revolution: 3D printing in a circular economy</td>
<td>Michael Peter Down, UK</td>
<td>UK</td>
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<tr>
<td>Industrial applications of additive manufacturing and 3D printing</td>
<td>Micheal O Alabi, South Africa</td>
<td>South Africa</td>
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<tr>
<td>technology: A review from South Africa perspective</td>
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<tr>
<td>Progress towards metal additive manufacturing standardization</td>
<td>Mohsen Seifi, USA</td>
<td>USA</td>
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<tr>
<td>3D printing: An anticipatory ethical analysis of future developments</td>
<td>Richard L Wilson, USA</td>
<td>USA</td>
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<tr>
<td>3YOURMIND: Innovating solutions summary</td>
<td>Stephan Kühr, Germany</td>
<td>Germany</td>
</tr>
<tr>
<td>Innovations in 3-D printing: A review</td>
<td>Sushant Negi, India</td>
<td>India</td>
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<tr>
<td>3D printing for continuous fiber reinforced thermoplastic composites</td>
<td>Xiaoyong Tian, China</td>
<td>China</td>
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**Major Scientific Sessions**

- Advances in 3D Printing & Additive Manufacturing Technology
- Benefits of 3D Printing and Technology
- Applications of 3D Printing in healthcare & medicine
- Clinical applications of 3D Printing in Orthopaedics and Traumatology
- Innovations in 3D Printing
- 3D Printing Technology Impact on Manufacturing Industry
- Tissue and Organ printing
- 3D Printing & Beyond: 4D Printing
- 3D printing in Biomaterials
- 3D Printing Materials
- Polymers in 3d printing
- 3D Image Processing and Visualization
- 3D Printing of Supply Chain Management
- Metal 3D Printing
- 3D Printing Industries
- 3D Bio printing
- Design for 3D Printing
- Future Technology in 3D Printing
- 3D Printing for Liver Tissue Engineering
- 3D Printing Technology & Market
- Lasers in 3D Printing in Manufacturing Industry
- Challenges in 3D Printing
- Challenge of 3D printing in Radiation oncology

**Best Poster Award**

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster.
- Judges will even evaluate the student’s enthusiasm towards their study, interest and knowledge in the area of their research.
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement.
- Apart from the judging time you may also be present at the poster to share your research with interested delegates.

**Young Researchers Forum**

- Present your research through oral presentations.
- Learn about career development and the latest research tools and technologies in your field.
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research.
- Develop a foundation for collaboration among young researchers.
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe.
- Interact and share ideas with both peers and mentors.

**General Queries**

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**Conference Venue**

London, UK
Best Tourist Destinations in London

http://3dprinting.conferenceseries.com/
Day 1 | July 05, 2017

08:30-09:30 Registrations

Odenwald

Opening Ceremony

09:55-10:00  Introduction
10:00-10:40  Title: 3D printing as a practical pharmaceutical manufacturing method
            Clive Roberts, University of Nottingham, UK

Networking & Refreshment Break 10:40-11:00 @ Foyer

11:00-11:40  Title: Blending patient-specific instruments with surgical navigation
              Randy E Ellis, Queen's University, Canada
11:40-12:20  Title: Additive Manufacturing of Medical Products
              Bogdan Dybała, Wrocław University of Science and Technology, Poland

Group Photo

Sessions:

Session Chair: Clive Roberts, University of Nottingham, UK

Session Introduction

12:20-12:50  Title: The GeSiM BioScaffolder 3.1 – A 3D bioprinter not only for bioprinting
              Frank-Ulrich Gast, GeSiM mbH, Germany
12:50-13:20  Title: Integrated structural health monitoring by 3D printed metallic structures
              Lincy Pyl, Vrije Universiteit Brussel, Belgium

Lunch Break 13:20-14:10 @ Gaumenfreund Restaurant

14:10-14:40  Title: Oxygen concentration and conversion distributions in a layer-by-layer UV-cured film used as a simplified model of a 3D UV inkjet printing system
              Kentaro Takiame, Kanazawa University, Japan
14:40-15:10  Title: Full multi-axis motion control of a tool tip for metal 3D printing
              Haeseong Jee, Hongik University, South Korea
15:10-15:40  Title: Materials development using additive manufacturing technologies
              Tomasz Kurzykowski, Wroclaw University of Science & Technology, Poland
15:40-16:10  Title: Mandibular reconstructions using 3D technologies
              Kamila Kołodziejczyk, Wrocław Medical University, Poland

Panel Discussion

Networking & Refreshment Break 16:10-16:30 @ Foyer
### Session Introduction

10:00-10:30
**Title:** Design and fabrication of a porous cast using additive manufacturing  
**Keun Park,** Seoul National University of Science and Technology, South Korea

10:30-11:00
**Title:** Material development for Rapid Prototyping for future medical application  
**Wolfdietrich Meyer,** Fraunhofer Institute for Applied Polymer Research, Germany

### Panel Discussion

**Networking & Refreshment Break 11:00-11:20 @ Foyer**

11:20-11:50
**Title:** 3D-printing technology for physical simulation of petal-type space mirror deployment  
**V. I. Bujakas,** P. N. Lebedev Physical Institute of Russian Academy of Science, Russia

### Young Researchers Forum

11:50-12:20
**Title:** Development of economic DLP and resin based 3D printing system for micro fabrication of fine resolution  
**Shweta Thapa,** Rutgers School of Mechanical & Aerospace Engineering, USA

12:20-12:50
**Title:** Process chain for fabrication of external maxillofacial prosthesis using additive manufacturing  
**Nneile Nkholise,** Central University of Technology, South Africa

12:50-13:20
**Title:** Cardiovascular tissue engineering using 3D printing technology  
**Narutoshi Hibino,** The Johns Hopkins Hospital, USA

### Lunch Break 13:20-14:10 @ Gaumenfreund Restaurant

14:10-14:40
**Title:** Progress towards metal additive manufacturing standardization  
**Mohsen Seifi,** ASTM International, USA

14:40-15:10
**Title:** 3D printing of drug delivery systems by laser sintering  
**Gean V Salmoria,** Federal University of Santa Catarina, Brazil

15:10-15:40
**Title:** Re-programmable sequential folding/unfolding in 3D printed structures  
**Wei Min Huang,** Nanyang Technological University, Singapore

### Panel Discussion

**Closing Ceremony 15:40-16:00 @ Foyer**

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**Bookmark your dates**

*2nd International Conference on*

**3D Printing Technology and Innovations**

*March 19-20, 2018 London, UK*